

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1053	(Suzuki near5 Daisuke or Yoshida near5 Masakazu or Hirano near5 Masanori).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 18:31
L2	37	L1 and (pattern key \$1ton\$3 dot) same (half\$1ton43 dither\$3 (error arith\$5) near4 (diffus\$4 distribut\$4 spread\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 18:32
L3	493	Ricoh-\$.as. and (pattern key\$1ton\$3 dot) same (half \$1ton43 dither\$3 (error arith\$5) near4 (diffus\$4 distribut\$4 spread\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 18:41
L6	1	L3 and dither\$3 near5 (mask matri\$4 array) same (key\$1ton\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 18:47
L7	50	L3 and dither\$3 near5 (mask matri\$4 array) same (key\$1ton\$3 tone gr\$1y near4 (scale level))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 18:52
L8	4	L7 and (key\$1tone tone gr\$1y near4 (level scale)) near6 continu\$5 same half \$1ton\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 19:26

L9	794	(half\$1ton\$4 dither\$4 error near5 (diffus\$3 or dispersion\$3 or distribut\$3 or spread\$3 or propagat\$3 or scatter\$3 or disseminat\$3 or apportion\$3 or proportion\$3 or portion\$3 quantiz\$3) same inclin\$5 same (key\$1tone tone)) near5 (line\$1group line group\$4 colum\$3 row diagonal).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 19:41
L10	1	dither\$3 near5 (mask\$4 matri\$5 array) near9 (pattern symbol\$3) same (threshold\$1 (plurality multiple) near4 threshold\$1) same interpolat\$4 same (gr\$1y near4 (tone level scale) gradat\$4).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/12/02 19:45
L11	0	dither\$3 near5 (mask\$4 matri\$5 array) near9 (pattern symbol\$3) same (threshold\$1 (plurality multiple) near4 threshold\$1) same (forward\$3 return\$4 travel\$4 mov\$4 forth\$1and\$1backw\$4) same (small\$4 larg\$4 high\$2 lower\$4 less great\$4).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/12/02 19:48
L13	22	(key\$1tone tone) same (threshold\$1 (first second plurality multiple) near4 threshold\$1) same (forward\$3 return\$4 travel\$4 mov\$4 forth\$1and\$1backw\$4) same (small\$4 larg\$4 high\$2 lower\$4 less great\$4).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/12/02 19:52
L14	0	L9 and L11	US-PGPUB; USPAT; DERWENT	OR	ON	2009/12/02 19:55

L15	0	L10 and L11	US-PGPUB; USPAT; DERWENT	OR	ON	2009/12/02 19:56
L16	1	L9 and L10	US-PGPUB; USPAT; DERWENT	OR	ON	2009/12/02 19:56
L17	7	dither\$4 same (key \$1tone continu\$5 near4 tone line\$1tone tone near6 (group pattern diagonal inclin \$4)) same threshold same (small\$3 larg\$5 lower less big\$4 great \$3).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/12/02 19:59
L18	134	dither\$4 same (key \$1tone continu\$5 near4 tone line\$1tone tone near6 (group pattern diagonal inclin \$4)) same threshold same (small\$3 larg\$5 lower less big\$4 great \$3)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/12/02 20:01
L19	48	("3911480"   "4547814"   "4805033"   "4924301").PN. OR ("5166809").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 20:06
L20	35	("4517605"   "4698691"   "4920501"   "5111310"   "5535020"   "5815286"   "6021217").PN. OR ("6714320").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 20:11
L22	7	("20020191694"   "20030107768"   "5774634"   "5949964"   "6021217"   "6067066"   "6343157").PN. OR ("7505176").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 20:14

L23	42	("20030133161"   "4663662"   "4758886"   "4920501"   "5111310"   "5535020"   "5627919"   "5710828"   "5712929"   "5815286"   "5875287"   "5909512"   "6021217"   "6031627"   "6166751"   "6185005"   "6250733"   "6278802"   "6288795"   "6312096"   "6356363"   "6606168"   "6714320"   "6760126").PN. OR ("6906825").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 20:18
L24	35	("4517605"   "4698691"   "4920501"   "5111310"   "5535020"   "5815286"   "6021217").PN. OR ("6714320").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 20:19
L25	18	(half\$1ton\$4 dither\$4 error near5 (diffus\$3 or dispersion\$3 or distribut\$3 or spread \$3 or propagat\$3 or scatter\$3 or disseminat \$3 or apportion\$3 or proportion\$3 or portion \$3 quantiz\$3)) same inclin\$5 same (key \$1tone tone) near5 (line\$1group line group \$4 colum\$3 row diagonal)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 20:20

L26	9	(pattern glyph symbol (arrang\$5 structure group line pattern) near4 (dot pixel PEL picture enar4 element)) same (key \$1ton\$3 dtone) same (half\$1ton43 dither\$3 (error arith\$5) near4 error near5 (diffus\$3 or dispersion\$3 or distribut\$3 or spread \$3 or propagat\$3 or scatter\$3 or disseminat \$3 or apportion\$3 or proportion\$3 or portion \$3 quantiz\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 20:28
L27	7241	358/1.9.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 20:30
L28	180	358/3.14.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 20:30
L29	150	358/3.12.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 20:30
L30	383	358/3.23.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 20:30
L31	342	358/3.13.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 20:31

L32	159	358/3.05.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 20:32
L33	86	358/3.16.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 20:32
L34	25	358/3.18.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 20:32
L35	138	358/3.3.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 20:33
L36	521	358/3.03.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 20:33
L37	800	358/3.06.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 20:34
L38	545	358/534.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 20:34
L40	392	382/252.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 20:35

L41	2164	382/190.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 20:36
L42	1964	382/181.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 20:36
L43	10	L42 and (dither\$4 half \$1ton\$4 error near5 (diffus\$3 or dispersion \$3 or distribut\$3 or spread\$3 or propagat \$3 or scatter\$3 or disseminat\$3 or apportion\$3 or proportion\$3 or portion \$3 quantiz\$3)) same (mask\$3 matri\$4 array) same (pattern glyph symbol (arrang \$5 structure group line pattern) near4 (dot pixel PEL picture enar4 element))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 20:39
L44	611	L27 and (dither\$4 half \$1ton\$4 error near5 (diffus\$3 or dispersion \$3 or distribut\$3 or spread\$3 or propagat \$3 or scatter\$3 or disseminat\$3 or apportion\$3 or proportion\$3 or portion \$3 quantiz\$3)) same (mask\$3 matri\$4 array) same (pattern glyph symbol (arrang \$5 structure group line pattern) near4 (dot pixel PEL picture enar4 element))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 20:41

L46	14	L44 and (key\$1tone tone) near9 (line group forward\$3 inclin \$4) same threshold near5 (data value) same (small less lower bigger higher greater)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 20:45
L47	1010	(L28 L29 L30 L31 L32 L33 L34 L35 L36 L37 L38 L39 L40 L41 L42) and (dither\$4 half\$1ton \$4 error near5 (diffus \$3 or dispersion\$3 or distribut\$3 or spread \$3 or propagat\$3 or scatter\$3 or disseminat \$3 or apportion\$3 or proportion\$3 or portion \$3 quantiz\$3)) same (mask\$3 matri\$4 array) same (pattern glyph symbol (arrang \$5 structure group line pattern) near4 (dot pixel PEL picture enar4 element))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 20:47
L48	29	L47 and (key\$1tone tone) near9 (line group forward\$3 inclin \$4) same threshold near5 (data value) same (small less lower bigger higher greater)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 20:48
L49	69	("3911480"   "4556918"   "4644392"   "4680625"   "4700235"   "4783837"   "4809603").PN. OR ("4924301").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 20:48
L50	19	("4614967"   "5008742"   "5161010"   "5257116"   "5315382"   "5392139"   "5428377"   "5493323").PN. OR ("5719689").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 20:49
L51	1	("6315387").PN. OR ("7480063").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 20:50



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